

PALM INTRANET

10/777,014

Day : Tuesday
Date: 1/15/2008
Time: 10:00:13

Inventor Name Search Result

SNRT

Your Search was:

Last Name = LAUGHARN

First Name = JAMES

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09530478</u>	Not Issued	161	11/14/2000	Pressure-enhanced extraction and purification	LAUGHARN JR., JAMES A.
<u>09830473</u>	6719449	150	04/27/2001	APPARATUS AND METHOD FOR CONTROLLING SONIC TREATMENT	LAUGHARN JR., JAMES A.
<u>60110460</u>	Not Issued	159	12/01/1998	PERMEABILIZATION OF BIOLOGICAL SAMPLES BY SOUND WAVES	LAUGHARN JR., JAMES A.
<u>60249527</u>	Not Issued	159	11/17/2000	Acoustic-mediated dissociation of binding partners	LAUGHARN, JAMES A
<u>09010892</u>	6127534	150	01/22/1998	PRESSURE-MODULATED ION ACTIVITY	LAUGHARN, JAMES A
<u>60076478</u>	Not Issued	159	03/02/1998	PRESSURE-CONTROLLED NUCLEIC ACID HYBRIDIZATION	LAUGHARN, JAMES A
<u>09214250</u>	6635469	150	08/20/1999	PRESSURE-MEDIATED BINDING OF BIOMOLECULAR COMPLEXES	LAUGHARN, JAMES A.
<u>09489586</u>	6569672	150	01/21/2000	PRESSURE CYCLING REACTOR	LAUGHARN, JAMES A.
<u>09678173</u>	Not Issued	161	10/02/2000	Pressure-modulated ion activity	LAUGHARN, JAMES A.
<u>09812262</u>	6448065	150	03/19/2001	INTEGRATED SEQUENCING DEVICE	LAUGHARN, JAMES A.
<u>09812723</u>	6948843	150	03/20/2001	METHOD AND APPARATUS FOR ACOUSTICALLY CONTROLLING LIQUID SOLUTIONS IN MICROFLUIDIC DEVICES	LAUGHARN, JAMES A.
<u>09898404</u>	Not Issued	161	07/03/2001	Pressure-enhanced extraction and purification	LAUGHARN, JAMES A.
<u>09901297</u>	6753169	150	07/09/2001	PRESSURE-CONTROLLED NUCLEIC ACID HYBRIDIZATION	LAUGHARN, JAMES A.
<u>09924266</u>	6696019	150	08/07/2001	RAPID CRYOBARIC STERILIZATION AND VACCINE PREPARATION	LAUGHARN, JAMES A.
<u>10134054</u>	Not Issued	161	04/26/2002	Multichamber device for processing of biological samples using high pressure	LAUGHARN, JAMES A.
<u>10770241</u>	Not Issued	120	02/02/2004	RAPID CRYOBARIC STERILIZATION AND VACCINE PREPARATION	LAUGHARN, JAMES A.

<u>10777014</u>	Not Issued	71	02/11/2004	Apparatus and methods for controlling sonic treatment	LAUGHARN, JAMES A.
<u>10918878</u>	Not Issued	120	08/16/2004	Pressure-enhanced extraction and purification	LAUGHARN, JAMES A.
<u>11001988</u>	Not Issued	95	12/02/2004	APPARATUS AND METHODS FOR SAMPLE PREPARATION	LAUGHARN, JAMES A.
<u>11006002</u>	Not Issued	95	12/07/2004 =	SYSTEMS AND METHODS FOR DETERMINING A STATE OF FLUIDIZATION AND/OR A STATE OF MIXING	LAUGHARN, JAMES A.
<u>11167934</u>	Not Issued	30	06/27/2005	Method and apparatus for acoustically controlling liquid solutions in microfluidic devices	LAUGHARN, JAMES A.
<u>11295372</u>	Not Issued	30	12/05/2005	Methods and systems for modulating acoustic energy delivery	LAUGHARN, JAMES A.
<u>11484293</u>	Not Issued	25	07/10/2006	Multichamber device for processing of biological samples using high pressure	LAUGHARN, JAMES A.
<u>11497865</u>	Not Issued	30	08/01/2006	Methods and systems for compound management and sample preparation	LAUGHARN, JAMES A.
<u>11888708</u>	Not Issued	20	08/01/2007	Methods and apparatus for treating samples with acoustic energy	LAUGHARN, JAMES A.
<u>11894655</u>	Not Issued	25	08/20/2007	Apparatus and methods for controlling sonic treatment	LAUGHARN, JAMES A.
<u>11894805</u>	Not Issued	25	08/20/2007	Methods and systems for modulating acoustic energy delivery	LAUGHARN, JAMES A.
<u>11986274</u>	Not Issued	19	11/20/2007	Methods and apparatus for treating samples with acoustic energy to form particles and particulates	LAUGHARN, JAMES A.
<u>29222711</u>	Not Issued	93	02/03/2005	FLEXIBLE SAMPLE VESSEL	LAUGHARN, JAMES A.
<u>60181516</u>	Not Issued	159	02/10/2000	Pulsed acoustic energy for sonoablation of abnormalities of epithelial and adventitial tissue	LAUGHARN, JAMES A.
<u>60191297</u>	Not Issued	159	03/21/2000	METHOD AND APPARATUS FOR MICROSTREAM MIXING OF FLUIDIC LIQUID SOLUTIONS	LAUGHARN, JAMES A.
<u>60198923</u>	Not Issued	159	04/21/2000	Method and apparatus for microstream mixing of fluidic liquid solutions	LAUGHARN, JAMES A.
<u>60246838</u>	Not Issued	159	11/08/2000	Method and apparatus for microstream mixing of liquid solutions in micro fluidic devices	LAUGHARN, JAMES A.
<u>60528069</u>	Not Issued	159	12/08/2003	Apparatus and methods for solid sample preparation	LAUGHARN, JAMES A.
<u>60633215</u>	Not Issued	159	12/03/2004	Reflection transmission pinging	LAUGHARN, JAMES A.
<u>60685231</u>	Not Issued	159	05/27/2005	Methods and systems for controlling ultrasonic energy delivery	LAUGHARN, JAMES A.

60704794	Not Issued	159	08/01/2005	Methods and systems for compound management and sample preparation	LAUGHARN, JAMES A.
60715660	Not Issued	159	09/09/2005	Methods and systems for compound management and sample preparation	LAUGHARN, JAMES A.
60834979	Not Issued	159	08/01/2006	Methods and apparatus for treating samples with acoustic energy	LAUGHARN, JAMES A.
60860598	Not Issued	159	11/22/2006	Methods and apparatus for treating samples with acoustic energy to form particles and particulates	LAUGHARN, JAMES A.
60923335	Not Issued	20	04/13/2007	Methods and apparatus for focused ultrasonic sample processing under high pressure	LAUGHARN, JAMES A.
60962998	Not Issued	20	08/01/2007	Methods and apparatus for focused ultrasonic sample processing under high pressure	LAUGHARN, JAMES A.
07065328	Not Issued	161	06/22/1987	ASSAY DEVICE	LAUGHARN, JAMES A.
07272457	4946603	150	11/17/1988	ELECTRONEGATIVELY CHARGED BLOOD FILTER AND BLOOD CELL SEPARATION METHOD	LAUGHARN, JAMES A.
08903156	Not Issued	161	07/30/1997	PRESSURE-MODULATED ION CONCENTRATION	LAUGHARN, JAMES A.
08903615	6245506	150	07/30/1997	INTEGRATED SEQUENCING DEVICE	LAUGHARN, JAMES A.
08962280	6111096	150	10/31/1997	NUCLEIC ACID ISOLATION AND PURIFICATION	LAUGHARN, JAMES A.
09016062	6274726	150	01/30/1998	PRESSURE-ENHANCED EXTRACTION AND PURIFICATION	LAUGHARN, JAMES A.
09035652	6258534	150	03/05/1998	PRESSURE-CONTROLLED NUCLEIC ACID HYBRIDIZATION	LAUGHARN, JAMES A.
09083651	6120985	150	05/22/1998	PRESSURE-ENHANCED EXTRACTION AND PURIFICATION	LAUGHARN, JAMES A.

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	Last Name	First Name	
Search Another: Inventor	<input type="text" value="laugharn"/>	<input type="text" value="james"/>	<input type="button" value="Search"/>

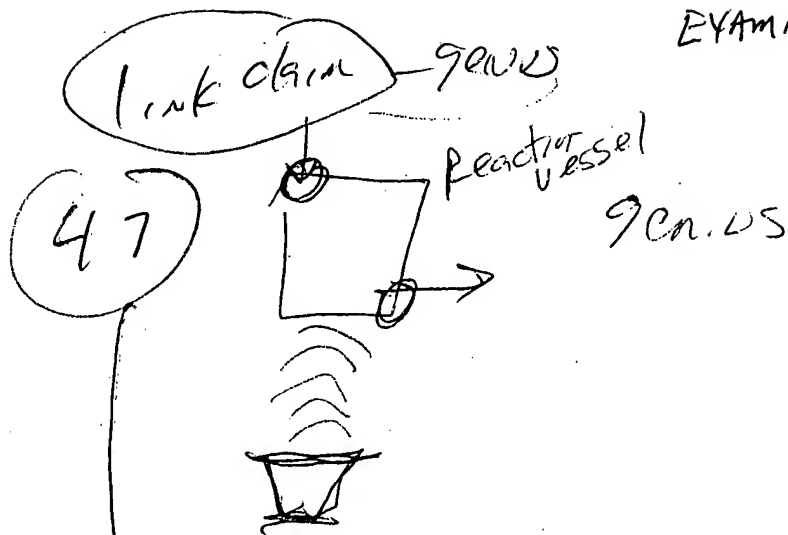
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SNRT

1/2



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141

62 Focus
+ 143 Plural
+ 148-149 Field

FROM 47

70 - Sample inflow
71 solvent
72 - Sample in
Constituent
73 - Solvent
74 - molecules
75 antibody
76 - ligand
77 - Antibody
& Receptor
78 (Nucleic
Acid)
79 (molecule
nucleic)

80 Fluidize
Samples

91 - heating
92
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143 Conduct

48 > LARGER/smaller
49 SPECIES PROCESSORS

50 Processor - Flow
51 Process transducer
52 Process Frequency

53 - Feedback sensor

54 - SAMPLE SENSOR
PROCESSOR

55 processor Flow control
56 transducer
processor

57 - Acoustic sample
Sensor - emission

58 Acoustic sample
Sensor reflection

59 temp sensor w/ feedback

60 optical sensor - spectral

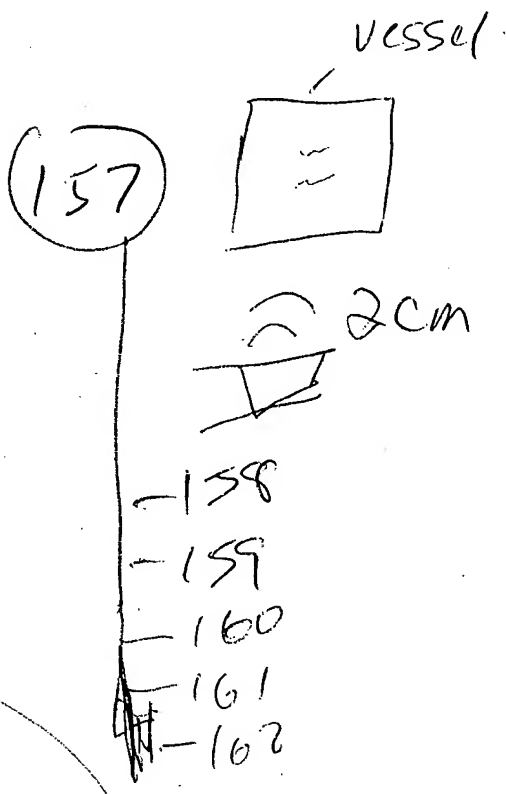
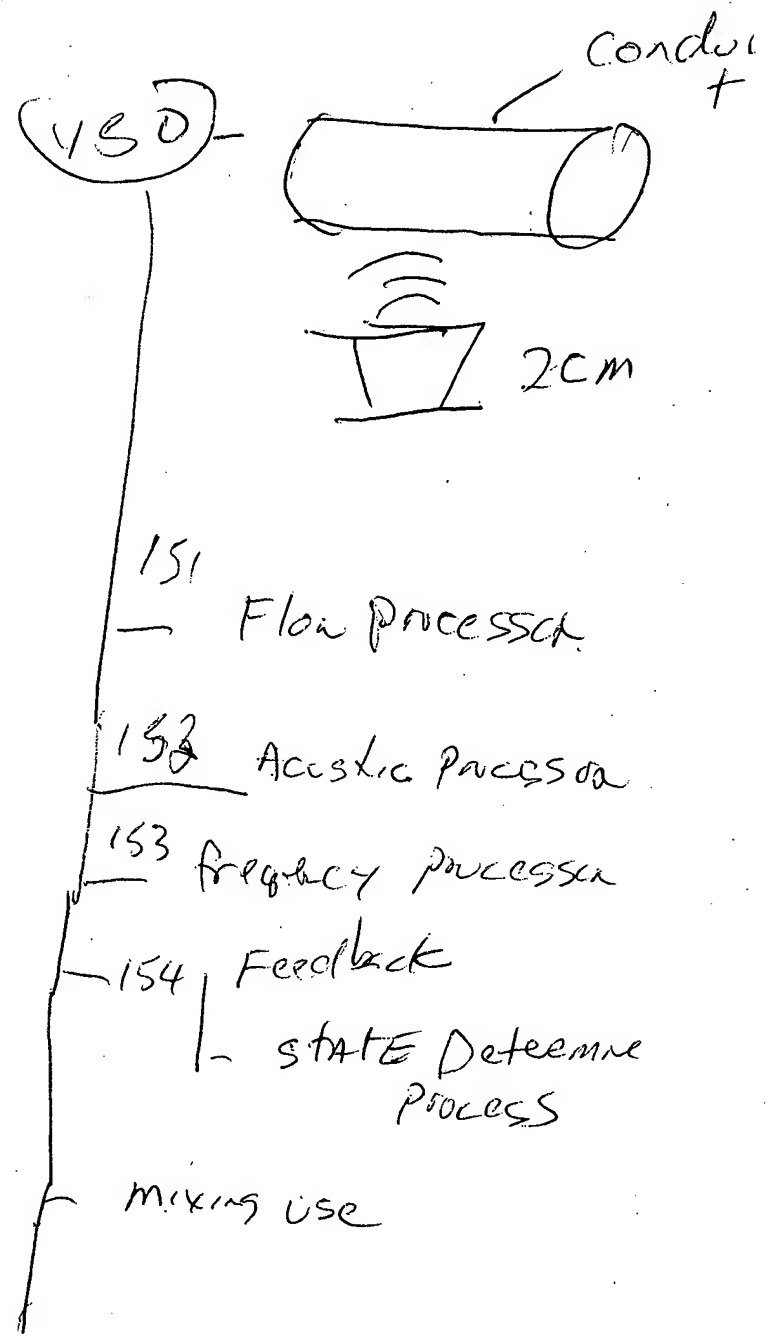
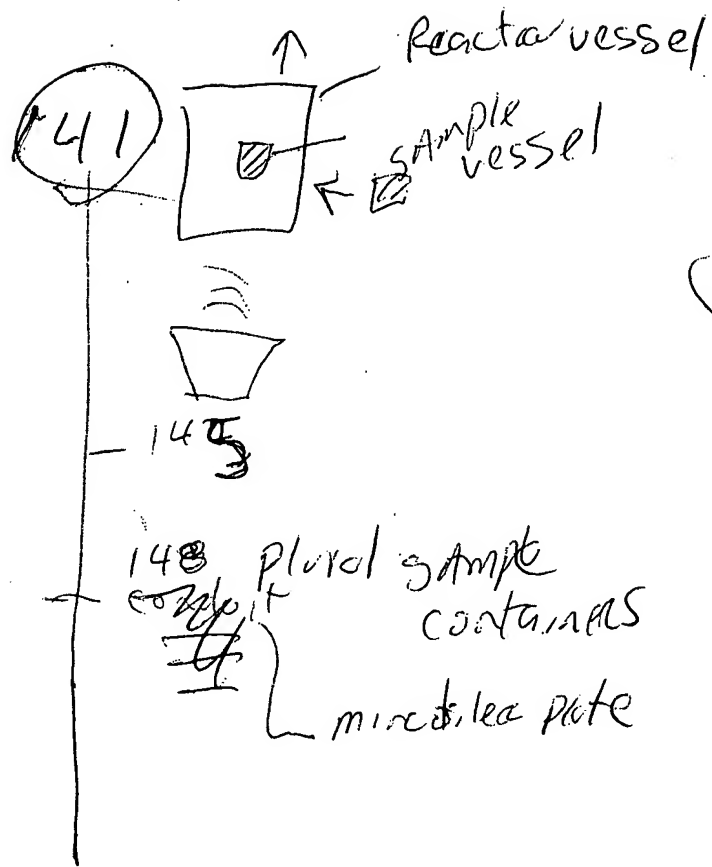
61 spectral info

63 (W)
64 (W)
65 (W)

66 - ORGANIC MAT.
67 - inorganic mat.
68 mineral
69 Biological

excites; absorb; fluoresces; emission

2/2



2cm
100-1042
Both

AB20